Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 08 Apr 2021 until 23:59 on Friday 09 Apr 2021

Forecast Issued on Thursday 08 Apr 2021 at 02:56

Confidence: High for overall theme, low confidence in precipitation type.

Headline for Thursday 08 Apr 2021: Cloudy and windy with outbreaks of rain during the day, turning heavy into the evening.

Mountain weather hazards on Thursday 08 Apr 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Heavy Rain	Sleet
Precipitation probability					
20%	40%	40%	40%	70%	90%

Forecast for Thursday 08 Apr 2021

Weather: Widespread low cloud moving from the west with outbreaks of rain on Thursday morning. Although the cloud may lift just above hill tops during the day, light rain and showers are expected to continue and will become more frequent late in the afternoon. Into the evening, the cloud will thicken and lower once again as the rain turns more persistent with heavier bursts likely at times. Rain may turn to sleet over hilltops.

Chance of cloud free mountain/hill tops above 600m: 0% improving to 50% during the afternoon

Visibility: Very poor with cloud base to 400m in low cloud and rain, improving to moderate during the day but with frequent spells down to poor due to patchy rain and showers..

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Mountain Weather Forecast

Forecast for Thursday 08 Apr 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/25 W	22/31 W	26/37 SW	29/42 SW	31/44 SW	31/45 W	20/29 W
300	10/22 W	14/29 W	17/35 W	21/42 W	19/40 W	20/41 W	14/30 W
Valley	8/21 W	13/27 W	15/32 SW	16/35 SW	16/35 SW	16/35 SW	9/22 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	3/-3	3/-3	3/-4	2/-5	2/-5	1/-6
300	4/1	5/1	5/0	5/-0	5/-1	5/-0	3/-2
Valley	6/3	6/3	7/3	7/2	6/2	6/2	4/1
Freezing Level*	1100m	1100m	1000m	1000m	900m	1000m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds, low cloud and rain will lead to significant wind chill throughout the day. The most testing conditions are expected from late afternoon and evening as the wind strengthens and the rain turns heavier in parts.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 08 Apr 2021	0.4mm	1mm	1mm

Forecast for Friday 09 Apr 2021

Weather: A drier and brighter day with a light ground frost early in the morning. It will continue to feel cold despite the sunshine, with a fresh northerly wind. Isolated light rain or sleet showers may develop during the afternoon.

Maximum wind: North-westerly 10mph, gusting 20mph.

Chance of cloud free mountain/hill tops above 600m: 80%

Visibility: Excellent, briefly deteriorating to moderate in showers.

Temperature: **Valleys:** ZERO increasing to PS 07C
At 600m: PS 01 C
Freezing level: 650m

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